

WHAT IS CLAIMED IS:

1. A method for real-time insertion of services during a call session over a communication network, comprising:

5 initiating a service request message by a first client to a first server, the service request message including the first client identity and a requested service available from a second server comprising a plurality of services;

10 determining if the first client is authorized to use the requested service at the first server; and

delivering the requested service to the first client by the second server if the first server determines that the first client is authorized to use the requested  
15 service.

2. The method of Claim 1, wherein at least one of the services comprises an application operable to provide text viewing and modification capabilities.

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3. The method of Claim 1, wherein at least one of the services comprises an application operable to provide graphic viewing and modification capabilities.

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4. The method of Claim 1, wherein at least one of the services comprises an application operable to provide increased security during a call session.

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5. The method of Claim 1, further comprising:  
comparing the first client identity and the  
requested service with a list stored in the first server,  
the list comprising a plurality of clients authorized to  
5 use at least one of the services available from the  
second server; and

issuing a ticket to the first client if the list  
includes authorization for the first client to use the  
requested service.

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6. The method of Claim 1, further comprising:  
comparing the first client identity and the  
requested service with a list stored in the first server,  
the list comprising a plurality of clients authorized to  
15 use at least one of the services available from the  
second server;

issuing a ticket to the first client if the list  
includes authorization for the first client to use the  
requested service, the ticket including the first client  
20 identity and the requested service;

sending the ticket to the second server by the first  
client; and

reading the ticket at the second server to retrieve  
the requested service.

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7. The method of Claim 1, further comprising:

comparing the first client identity and the requested service with a list stored in the first server, the list comprising a plurality of clients authorized to use at least one of the services available from the second server;

issuing a ticket to the first client if the list includes authorization for the first client to use the requested service, the ticket including the first client identity and the requested service;

sending the ticket and an address associated with a second client to the second server by the first client;

reading the ticket at the second server to retrieve the requested service; and

delivering the requested service to the second client based on the address received from the first client.

8. The method of Claim 1, wherein the service request message further comprises an address associated with a second client.

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9. The method of Claim 8, further comprising:  
comparing the first client identity and the  
requested service with a list stored in the first server,  
the list comprising a plurality of clients authorized to  
5 use at least one of the services available from the  
second server; and

issuing a ticket to the second server if the list  
includes authorization for the first client to use the  
requested service.

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10. The method of Claim 8, further comprising:  
comparing the first client identity and the  
requested service with a list stored in the first server,  
the list comprising a plurality of clients authorized to  
15 use at least one of the services available from the  
second server;

issuing a ticket to the second server if the list  
includes authorization for the first client to use the  
requested service, the ticket including the first client  
20 identity, the requested service, and the address  
associated with the second client;

reading the ticket at the second server to retrieve  
the requested service; and

delivering the requested service to the second  
25 client based on the address included in the ticket.

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11. The method of Claim 8, further comprising:  
comparing the first client identity and the  
requested service with a list stored in the first server,  
the list comprising a plurality of clients authorized to  
5 use at least one of the services available from the  
second server;

obtaining the second client identity based on the  
address included in the service request message if the  
list includes authorization for the first client to use  
10 the requested service;

comparing the second client identity and the  
requested service with the list stored in the first  
server;

issuing a ticket to the second server if the list  
15 includes authorization for the second client to use the  
requested service, the ticket including the first client  
identity, the second client identity, and the requested  
service;

reading the ticket at the second server to retrieve  
20 the requested service; and

delivering the requested service to the second  
client based on the second client identity.

12. The method of Claim 1, further comprising  
25 pressing a button associated with the requested service  
at the first client during a call session to initiate the  
service request message.

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13. The method of Claim 1, further comprising selecting the requested service from a menu displayed on the first client during a call session to initiate the service request message.

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14. A communication system, comprising:

a client operable to couple to a communication network;

5 a first device operable to couple to the communication network, the first device comprising a list of clients authorized to use at least one of a plurality of services; and

10 a second device operable to couple to the communication network, the second device further operable to insert one or more of the services requested by the client into a call session if the list includes the client and a requested service.

15 15. The communication system of Claim 14, wherein the client further comprises a cache operable to store a requested service and the requested service removable from the cache when the call session terminates.

20 16. The communication system of Claim 14, wherein the first device is operable to determine if the client is authorized to use the requested service.

25 17. The communication system of Claim 14, wherein at least one of the services comprises an application operable to provide text viewing and modification capabilities.

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18. The communication system of Claim 14, wherein at least one of the services comprises an application operable to provide graphic viewing and modification capabilities.

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19. The communication system of Claim 14, wherein at least one of the services comprises an application operable to provide increased security during the call session.

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20. The communication system of Claim 14, wherein the first device is operable to:

receive a service request message from the client, the service request message including the client identity and the requested service;

compare the client identity and the requested service with the list; and

issue a ticket to the client if the list includes authorization for the client to use the requested service.

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21. The communication system of Claim 14, wherein the first device is operable to:

receive a service request message from the client, the service request message including the client identity, the requested service, and at least one address associated with at least one additional client;

compare the client identity and the requested service with the list; and

issue a ticket to the second device if the list includes authorization for the client to use the requested service.

22. The communication system of Claim 14, further comprising:

a plurality of remote clients coupled to the communication network; and

a plurality of remote second devices coupled to the communication network, each remote second device associated with at least one of the remote clients.

23. The communication system of Claim 22, wherein the first device is operable to:

receive a service request message from the client, the service request message including the client  
5 identity, the requested service, and at least one address associated with at least one remote client;

compare the client and the requested service with the list; and

issue a ticket to the client and each of the remote  
10 clients if the list includes authorization for the client to use the requested service.

24. The communication system of Claim 22, wherein: the first device is operable to:

15 receive a service request message from the client, the service request message including the client identity, the requested service, and at least one address associated with at least one remote client;

compare the client and the requested service  
20 with the list; and

issue a ticket to the client and each of the remote clients if the list includes authorization for the client to use the requested service, each of the tickets including the respective client identity and the  
25 requested service;

the client is operable to send the ticket to the second device; and

the remote clients are operable to send the tickets to the remote second device associated with each of the  
30 remote clients.

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25. The communication system of Claim 22, wherein the first device is operable to:

receive a service request message from the client,  
the service request message including the client  
5 identity, the requested service, and at least one address  
associated with at least one remote client;

compare the client identity and the requested  
service with the list;

obtain at least one remote client identity based on  
10 the address included in the service request message if  
the list includes authorization for the client to use the  
requested service;

compare the remote client identity and the requested  
service with the list; and

15 issue a ticket to each of the authorized clients if  
the list includes authorization for at least one of the  
remote clients to use the requested service.

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26. The communication system of Claim 22, wherein:  
the first device is operable to:

receive a service request message from the  
client, the service request message including the client  
5 identity, the requested service, and at least one address  
associated with at least one remote client;

compare the client identity and the requested  
service with the list;

10 obtain at least one remote client identity  
based on the address from the service request message if  
the list includes authorization for the client to use the  
requested service;

compare the remote client identity and  
requested service with the list; and

15 issue a respective ticket to the client and  
each of the authorized remote clients if the list  
includes authorization for at least one of the remote  
clients to use the requested service, each of the tickets  
including the respective client identity and the  
20 requested service;

the client is operable to send the ticket to the  
second device; and

the remote clients are operable to send the tickets  
to the remote second device associated with each of the  
25 remote clients.

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27. The communication system of Claim 14, wherein the client comprises a button operable to initiate a service request message during the call session.

- 5        28. The communication system of Claim 14, wherein the client comprises a menu operable to select the requested service during the call session.

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29. Logic encoded in media for real-time insertion of services during a call session over a communication network and operable to perform the following steps:

initiating a service request message by a first  
5 client to a first server, the service request message including the first client identity and a requested service available from a second server comprising a plurality of services;

determining if the first client is authorized to use  
10 the requested service at the first server; and

delivering the requested service to the first client  
by the second server if the first server determines that the first client is authorized to use the requested service.

15 30. The logic encoded in media of Claim 29, further comprising:

comparing the first client identity and the requested service with a list stored in the first server,  
20 the list comprising a plurality of clients authorized to use at least one of the services available from the second server; and

issuing a ticket to the first client if the list includes authorization for the first client to use the  
25 requested service.

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31. The logic encoded in media of Claim 29, further comprising:

comparing the first client identity and the requested service with a list stored in the first server,  
5 the list comprising a plurality of clients authorized to use at least one of the services available from the second server;

issuing a ticket to the first client if the list includes authorization for the first client to use the requested service, the ticket including the first client  
10 identity and the requested service;

sending the ticket to the second server by the first client; and

reading the ticket at the second server to retrieve  
15 the requested service.

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32. The logic encoded in media of Claim 29, further comprising:

comparing the first client identity and the requested service with a list stored in the first server,  
5 the list comprising a plurality of clients authorized to use at least one of the services available from the second server;

issuing a ticket to the first client if the list includes authorization for the first client to use the requested service, the ticket including the first client  
10 identity and the requested service;

sending the ticket and an address associated with a second client to the second server by the first client;

reading the ticket at the second server to retrieve  
15 the requested service; and

delivering the requested service to the second client based on the address received from the first client.

20 33. The logic encoded in media of Claim 29, wherein the service request message further comprises an address associated with a second client.

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34. The logic encoded in media of Claim 33, further comprising:

comparing the first client identity and the requested service with a list stored in the first server,  
5 the list comprising a plurality of clients authorized to use at least one of the services available from the second server; and

issuing a ticket to the second server if the list includes authorization for the first client to use the  
10 requested service.

35. The logic encoded in media of Claim 33, further comprising:

comparing the first client identity and the requested service with a list stored in the first server,  
15 the list comprising a plurality of clients authorized to use at least one of the services available from the second server;

issuing a ticket to the second server if the list  
20 includes authorization for the first client to use the requested service, the ticket including the first client identity, the requested service and the address associated with the second client;

reading the ticket at the second server to retrieve  
25 the requested service; and

delivering the requested service to the second client based on the address included in the ticket.

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36. An apparatus for real-time insertion of services during a call session over a communication network, comprising:

means for initiating a service request message by a first client to a first server, the service request message including the first client identity and a requested service available from a second server comprising a plurality of services;

means for determining if the first client is authorized to use the requested service at the first server; and

means for delivering the requested service to the first client by the second server if the first server determines that the first client is authorized to use the requested service.

37. The apparatus of Claim 36, further comprising:

means for comparing the first client identity and the requested service with a list stored in the first server, the list comprising a plurality of clients authorized to use at least one of the services available from the second server;

means for issuing a ticket to the first client if the list includes authorization for the first client to use the requested service, the ticket including the first client identity and the requested service;

means for sending the ticket to the second server by the first client; and

means for reading the ticket at the second server to retrieve the requested service.

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38. The apparatus of Claim 36, wherein the service request message further comprises an address associated with a second client.

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39. The apparatus of Claim 38, further comprising:  
means for comparing the first client identity and the requested service with a list stored in the first server, the list comprising a plurality of clients authorized to use at least one of the services available from the second server;

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means for issuing a ticket to the second server if the list includes authorization for the first client to use the requested service, the ticket including the first client identity, the requested service, and the address associated with the second client;

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means for reading the ticket at the second server to retrieve the requested service; and

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means for delivering the requested service to the second client based on the address included in the ticket.

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